

## High Speed Super Miniature Slip Rings



A slip ring allows infinite power and signal transmission from a static to a rotational platform, it is also called a rotary electrical interface, commutator, collector, swivel or an electrical rotary joint.

This high speed super miniature slip ring ADSR- TC12S is specially designed for aerospace and defense testing systems. It allows 12 x 1 Amps circuits and operating speed up to 3000rpm, extremely precise processing and superior concentricity enables it can keep reliable power and signal transmission capability under high speed operating condition. Designed and manufactured according to military standard, stainless steel housing enclosed for harsh environment operating. Self-contained stainless steel shaft makes mounting easier and space-saving.

### Features

- 10.8mm body diameter and 23.8mm length.
- Up to 3000rpm operating speed
- Up to 12 x 1Amp circuits
- Full stainless steel housing enclosed
- Self-contained stainless steel shaft for mounting
- Gold on gold contact
- Superior signal / data handling performance
- Military standard for harsh operating environments

### Advantages

- Super precision design
- Compatible with high speed digital signal, thermocouple, sensor and communication signals etc.
- High reliability under vibration and shock
- Maintenance-free and long lifetime
- Suitable for aerospace and defense applications

### Typical Applications

- Aerospace test system
- Missile test system
- Petrochemical electrical test system
- Military test system
- Laboratory high speed test system

